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Subject: LDWG_FWM_Results of Draft Food Web Model runs

Bruce, Burt, Jay and Alison,

Attached are a few tables summarizing the results of our Monte carol model runs processed through a generalized sensitivity analysis.

Table 1 summarizes the initial probability distributions entered into the Monte Carlo (min, max and mean/mode are presented) and the new min, max and means ("posterior distributions") depending on what SPAF criteria were applied (<SPAF of 3, < SPAF of 2 or < SPAF of 1.5).

This table gives you an idea of how "compressed" or reduced your input distributions become the more stringent your model evaluation criteria become.

(NOTE: "posterior" distributions refers to the values which remained for a parameter once the 20,000 runs were filtered through the generalized sensitivity analysis)

Table 2 summarizes the number of runs (and %) that passed (out of 5490) for each SPAF level. 5490 was the number of runs out of 20,000 that passed through the dietary filter.

Table 3 summarizes model parameters most highly correlated with food web model predicted tissue concentrations. This table helps to understand the parameters that most influence tissue concentrations for each species.

Tomorrow morning, John will be sending out a more detailed description of uses for these tables and as well as some proposals for approaches to calculating risk based tissue concentrations, and a summary of some calibration options and pros/cons.

Thank you

Please email or call myself or John with questions.

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 - Tables1&2_Oct5.doc  - Table3_correlations_Oct5.doc